



# CVE-2016-8878

- MITRE
- NVD
- CVE.ORG
- JSON API
- Print: PDF

## Summary

|                 |                                                                                                                       |
|-----------------|-----------------------------------------------------------------------------------------------------------------------|
| CVE             | CVE-2016-8878                                                                                                         |
| State           | PUBLISHED                                                                                                             |
| Assigner        | mitre                                                                                                                 |
| Source Priority | CVE Program / NVD first with legacy fallback                                                                          |
| Published       | 2016-10-31 10:59:14 UTC                                                                                               |
| Updated         | 2026-05-06 22:30:45 UTC                                                                                               |
| Description     | Out-of-Bounds read vulnerability in Foxit Reader and PhantomPDF before 8.1 on Windows, when the gflags app is enabled |

## Risk And Classification

**Primary CVSS:** v3.0 8.8 HIGH from nvd@nist.gov

CVSS:3.0/AV:N/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H

**EPSS:** 0.003610000 probability, percentile 0.582400000 (date 2026-05-08)

**Problem Types:** CWE-125 | n/a

| Version | Source       | Type    | Score | Severity | Vector                                       |
|---------|--------------|---------|-------|----------|----------------------------------------------|
| 3.0     | nvd@nist.gov | Primary | 8.8   | HIGH     | CVSS:3.0/AV:N/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H |
| 2.0     | nvd@nist.gov | Primary | 6.8   |          | AV:N/AC:M/Au:N/C:P/I:P/A:P                   |

## CVSS v3.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

High

Integrity

High

High

Availability

High

CVSS:3.0/AV:N/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Medium

Authentication

None

Confidentiality

Partial

Integrity

Partial

Availability

Partial

AV:N/AC:M/Au:N/C:P/I:P/A:P

NVD Known Affected Configurations (CPE 2.3)

| Type        | Vendor        | Product    | Version | Update | Edition | Language |
|-------------|---------------|------------|---------|--------|---------|----------|
| Application | Foxitsoftware | Phantompdf | All     | All    | All     | All      |
| Application | Foxitsoftware | Reader     | All     | All    | All     | All      |

Vendor Declared Affected Products

| Source | Vendor | Product | Version      | Platforms     |
|--------|--------|---------|--------------|---------------|
| CNA    | Na     | N/a     | affected n/a | Not specified |

References

| Reference                                                                            | Source                               | Link                                                             | Tags                            |
|--------------------------------------------------------------------------------------|--------------------------------------|------------------------------------------------------------------|---------------------------------|
| Security Bulletins   Foxit Software                                                  | af854a3a-2127-422b-91ae-364da2661108 | <a href="http://www.foxitsoftware.com">www.foxitsoftware.com</a> | Patch, Vendor Advisory          |
| <a href="http://www.securityfocus.com/bid/93608">www.securityfocus.com/bid/93608</a> | af854a3a-2127-422b-91ae-364da2661108 | <a href="http://www.securityfocus.com">www.securityfocus.com</a> | Third Party Advisory, VDB Entry |
| CVE Program record                                                                   | CVE.ORG                              | <a href="http://www.cve.org">www.cve.org</a>                     | canonical                       |
| NVD vulnerability detail                                                             | NVD                                  | <a href="http://nvd.nist.gov">nvd.nist.gov</a>                   | canonical, analysis             |

No vendor comments have been submitted for this CVE.

There are currently no legacy OID mappings associated with this CVE.

There are currently no legacy QID mappings associated with this CVE.

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